

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Cassels,, Frederick
Lees, Andrew
Schuman, Richard

(ii) TITLE OF INVENTION: MONOCLONAL ANTIBODY WHICH AGGLUTINATES
E. COLI HAVING THE CS4-CFA/1 FAMILY PROTEIN

(iii) NUMBER OF SEQUENCES: 3

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Glenna Hendricks
(B) STREET: P.O. Box 2509
(C) CITY: Fairfax
(D) STATE: VA
(E) COUNTRY: USA
(F) ZIP: 22031

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/905,046
(B) FILING DATE: 01-AUG-1997
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Hendricks, Glenna
(B) REGISTRATION NUMBER: 32,535
(C) REFERENCE/DOCKET NUMBER: cassels/mon

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (703) 591-4470
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(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 36 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(v) FRAGMENT TYPE: internal

(vi) ORIGINAL SOURCE:

(A) ORGANISM: E. COLI

(B) STRAIN: CS4-CFA/I

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Val Glu Lys Asn Ile Thr Val Thr Ala Ser Val Asp Pro Thr Ile
Asp 1 5 10 15
Leu Leu Gln Ala Asp Gly Ser Ala Leu Pro Ser Ala Val Ala Leu
Thr 20 25 30
Tyr Ser Pro Ala
35

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(v) FRAGMENT TYPE: internal

(vi) ORIGINAL SOURCE:

(A) ORGANISM: E. COLI

(B) STRAIN: CS4-CFA/I

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Ser Ala Val Ala Leu Thr Tyr Ser
1 5

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 37 amino acids

(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(v) FRAGMENT TYPE: internal

(vi) ORIGINAL SOURCE:

(A) ORGANISM: E. COLI

(B) STRAIN: CS4-CFA/I

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Ile Cys Val Glu Lys Asn Ile Thr Val Thr Ala Ser Val Asp Pro Thr
1 5 10 15
Leu Asp Leu Leu Gln Ala Asp Gly Ser Ala Leu Pro Ser Ala Val Ala
20 25 30
Thr Tyr Ser Pro Ala
35